

**AMENDMENTS TO THE SPECIFICATION**

Please amend paragraph [0001] of the application as published as follows:

[0001] This application is the U.S. National Phase Entry of International Patent Application No. PCT/US2004/042147, filed December 14, 2004, and claims the benefit of U.S. Provisional Patent Application No. 60/532,976, filed Dec. 29, 2003, which is hereby incorporated by reference herein in its entirety.

Please amend paragraph [0114] of the application as published as follows:

[0114] Especially useful examples of organic molecules include adenosine 5'-diphosphate ADP; adenosine 5'-triphosphate ATP; adenosine 5'-monophosphate AMP; aminobutyric acid; L-glutamic acid; cyclic adenosine 5'-diphosphate ribose; adenosine 3', 5'-cyclicmonophosphate; fluorescein; methyl-D-aspartic acid; tyramine; tryptophan; 4-aminopyridine (4AP); epinephrine; norepinephrine; dopamine; serotonin (5 hydroxytryptamine, 5HT); (RS)-(tetrazol-5-yl) glycine (TzGly), which is a potent N-methyl-D-aspartate receptor (NMDA) agonist; ~~tetrazolyl- $\alpha$ -amino-3-hydroxy-5-methyl-4-isoxazolepropionic~~ tetrazolyl- $\alpha$ -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid ((tetrazol-5-yl) AMPA); caffeine and nicotine.